

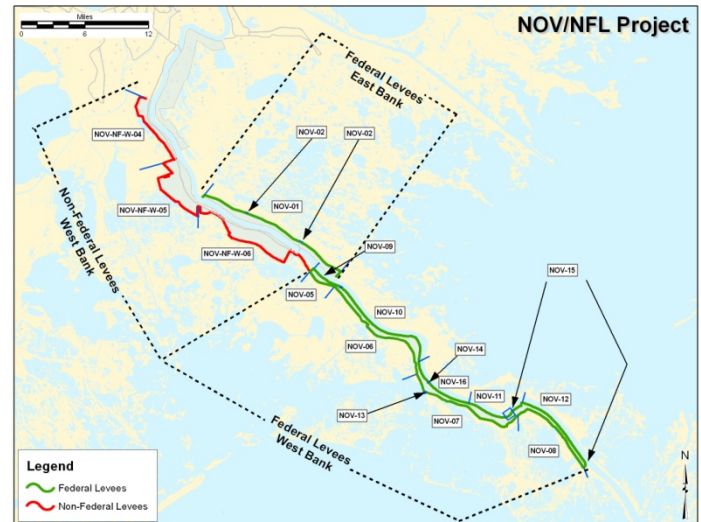


Public safety is the Corps of Engineers' top priority. In lower Plaquemines Parish, Louisiana, the level of risk reduction against a storm surge event is provided by two risk reduction projects – Replacement or modification of certain Non-Federal Levees (NFL) in Plaquemines Parish, Louisiana, and repair and restoration of the originally authorized New Orleans to Venice (NOV), Louisiana Project.

### Plaquemines Parish Non-Federal Levee Project

On the west bank, where the Federally-authorized West Bank and Vicinity, Louisiana project ends in Oakville, there are levees extending southward that were previously constructed by Plaquemines Parish and private entities. The levees extend southward from Oakville to St. Jude. In the aftermath of the 2005 hurricane season, Congress authorized funding to replace and modify certain NFL, and to incorporate these levees into the New Orleans to Venice (NOV), Louisiana project. The current NFL project includes approximately 34 miles of levee replacements or modifications and a tie-in to NOV levees at St. Jude. Due to available funding limitations and constraints, a risk assessment was conducted in 2013 to optimize the levee heights and minimize the consequences based on the risk analysis results. The Oakville to LaReussite levee will be constructed using the design criteria to provide a 50-Year Level of Risk Reduction (LORR). For the remaining NFL extending from LaReussite to St. Jude, designs will be optimized to a consistent/prioritized 20-25 year LORR.

Improvements to the existing NFL project include levee and floodwall improvements, as well as fronting protection at pumping stations.



### New Orleans to Venice Project

The purpose of the NOV project is to achieve storm risk reduction for Plaquemines Parish by repairing and restoring the original project levees, accelerating the completion of unconstructed portions of the authorized project and armoring critical elements of the authorized project. The NOV Federal levees are located on the east bank of Plaquemines from Phoenix to Bohemia and on the west bank from St. Jude to Venice. Due to available funding limitations and constraints, a risk assessment was conducted in 2013 to distribute the funds in the most efficient manner and prioritize areas of deficiencies according to their level of risk. "Overtopping-without-Breach" is the principal risk driver for this project, and the analysis resulted in some changes of priority, primarily focusing efforts to implement improvements to raise low areas of the system mostly along the Mississippi River Levees. The NOV levees are being constructed to the 2%, 50-year LORR. The current NOV project includes approximately 15 miles of back levee and Mississippi River levee modifications, 2 sector gates on the west bank (near the Empire Floodgate and Empire Lock), fronting protection at pumping stations, and backflow prevention at 2 locations on the east bank (Bellevue and East Point a La Hache pumping stations).

### Project Status

The first of 27 construction contracts was awarded in September 2012. Currently, 12 construction contracts have been awarded. Construction is currently anticipated to continue into 2020.

### U.S. ARMY CORPS OF ENGINEERS – TEAM NEW ORLEANS

7400 Leake Avenue, New Orleans, LA 70118 | [www.mvn.usace.army.mil](http://www.mvn.usace.army.mil)

Visit the following links to follow us on Facebook, Twitter and Flickr:

[www.facebook.com/neworleansdistrict](http://www.facebook.com/neworleansdistrict)

[www.twitter.com/teamneworleans](http://www.twitter.com/teamneworleans)

[www.flickr.com/teamneworleans](http://www.flickr.com/teamneworleans)